

**DIFFERENCE ENGINE METHOD AND APPARATUS**Abstract of the Disclosure

5           A method and apparatus for analyzing and formatting strings of data, such as data  
derived from software processes running on two data processors. In one embodiment, a  
plurality of different data strings are initialized building a symbol array, and finding  
differences within the data by analyzing various relationships within the data strings,  
such as the existence of unique strings. A computer program and apparatus for  
10 synthesizing logic implementing the aforementioned methodology are also disclosed.